SCL 270
Modular

Type 5634-5637

270 Kg modular ice maker
Auger system

Sculptor Series

Granular flake ice
Auger system

Sculptor Series combines efficiency, reliability and advanced technology to offer extremely versatile granular flake ice.
It is produced at a temperature just below 0° C and with about 20% residual water. That allows to maintain a soft, mouldable structure, perfect for food display, preparation of frozen drinks, use in pharmaceutical and wellness sectors.

The cylindrical evaporator system with an auger ensures continuous production, while the natural refrigerant R290 guarantees silence and sustainability. Made of stainless steel, the Sculptor series integrates electronic control for precise, safe and professional operation.

Fields of application

Hotels	●●●●●○
Restaurants	●●●●●○
Fast Food	●○○○○○
Bars	●○○○○○
Discos	●●●○○○
Fish markets	●●●●○○
Supermarkets	●●●●●○
Medical & SPA	●●●●●○
Industries	●●●●○○

Type of ice

Granular flake ice
20% residual water

Product



Highlights

- Granular flake ice with 20% residual water content
- Solid stainless steel structure
- AISI 304 stainless steel evaporator
- Easy cleanable internal rounded surfaces
- Natural gas R290 with GWP 3
- RoHS Free
- Electronic management with 6-character LED display, multicoloured on/off button and self-diagnostic system
- Air or water cooling system
- Tropical-class machine (+43°C), suitable for installation in extreme conditions
- Dual water inlet system with twin solenoid valves for efficient water supply (water cooled model)
- Air condenser filter, easily removable and cleanable
- Easy to access for maintenance

Details







Recommended bins

- ST S 150 (130 Kg / 287 lbs), ST S 200 (180 Kg / 397 lbs), ST S 250 (250 Kg / 551 lbs), ST S 400 (400 Kg / 882 lbs)
- ST C 140 (120 Kg / 265 lbs), ST C 300 (161 Kg / 355 lbs)

Package contents

N° 1 Inlet hose
N° 1 Inlet hose for cooling (water-cooled versions only)
N° 1 Drain hose

Options and installation kits

- Star connect Wifi (WIFI)
- Special voltages
- Water treatment

Certifications

Aristarco S.p.A.
CF/PI/VAT IT01823140262

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Operating conditions

	Min.	Max.
Ambient temperature	10 °C / 50 °F	43 °C / 110 °F
Water temperature	5 °C / 41 °F	38 °C / 100 °F
Water hardness	5 °f / 2.8 °d	20 °f / 11,3 °d
Water inlet pressure	1 bar (14 psi)	5 bar (72 psi)
Electrical voltage	-10%	+10%

Technical features

Dimensions (WxDxH)	560x570x600 mm
Net weight	81 kg / 179 lbs
Type of ice	Granular flake ice
Cooling system	A/W
Type of refrigerant	R 290
Electrical supply	230 V 50 Hz
Compressor (ASHRAE conditions)	2.912 W
Average power consumption	1.100 W
Fuse	10 A
Electrical consumption	13,85 kWh/100Kg
Water consumption	A = 8,8 l/h W = 89,4 l/h
Heat rejected	2.020 W 6.907 BTu/h
Noise level	< 70 dB

All the technical information must be considered at the following conditions:
Dimensions without feet
Standard Voltage (50 Hz)
Ambient temperature +32° C
Water temperature +21° C

Performances

Air cooled system

Room temp.	Water temp.	Prod. in 24h
10° C / 50° F	10° C / 50° F	280 Kg / 617 lbs
21° C / 70° F	**15° C / 60° F**	**270 Kg / 595 lbs**
32° C / 90° F	21° C / 70° F	220 Kg / 485 lbs

Water cooled system

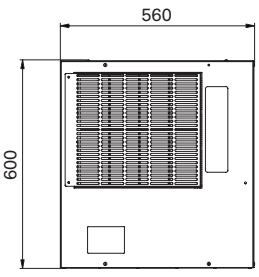
Room temp.	Water temp.	Prod. in 24h
10° C / 50° F	10° C / 50° F	260 Kg / 573 lbs
21° C / 70° F	**15° C / 60° F**	**250 Kg / 551 lbs**
32° C / 90° F	21° C / 70° F	230 Kg / 507 lbs

Logistic

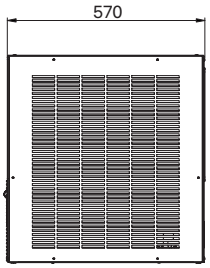
Packing dimensions (WxDxH)	610x620x750 mm 0,28 m3
Gross weight	87 Kg / 192 lbs

Installation diagram

Frontal view

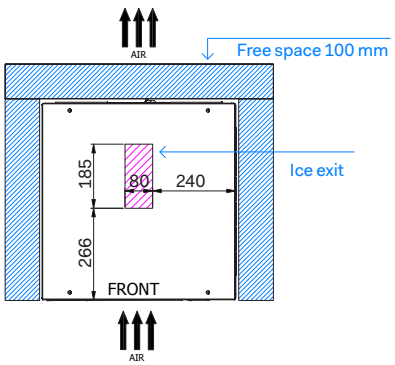


Lateral view

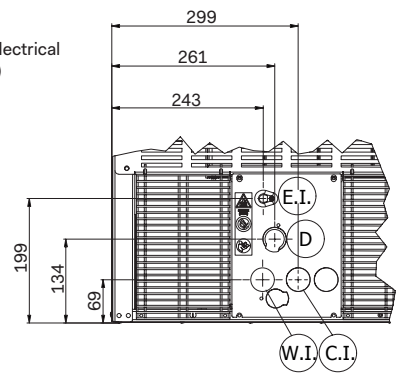


*All dimensions are expressed in mm

Top view



Rear view
(Water and electrical connections)



E.I. POWER CABLE
3x1,5 mm2

D DRAIN HOSE
Ø 27 mm L=2 m

W.I. INLET HOSE
3/4" L=2 m

C.I. INLET HOSE FOR COOLING
3/4" L=2 m

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